(19) World Intellectual Property Organization International Bureau



1 (1919) (1919) (1 (1919) (1919) (1919) (1919) (1919) (1919) (1919) (1919) (1919) (1919) (1919) (1919) (1919)

(43) International Publication Date 17 June 2004 (17.06.2004)

PCT

(10) International Publication Number WO 2004/051569 A1

(51) International Patent Classification7:

G06T 5/00

(21) International Application Number:

PCT/GB2003/005177

- (22) International Filing Date: 1 December 2003 (01.12.2003)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0227946.1

29 November 2002 (29.11.2002)

- (71) Applicant (for all designated States except US): UNIVER-SITY OF EAST ANGLIA [GB/GB]; Norwich NR4 7TJ (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): FINLAYSON, Graham [GB/GB]; The Old Rectory Lodge, Costessey, Taverham, Norwich, Norfolk NR8 6TA (GB).

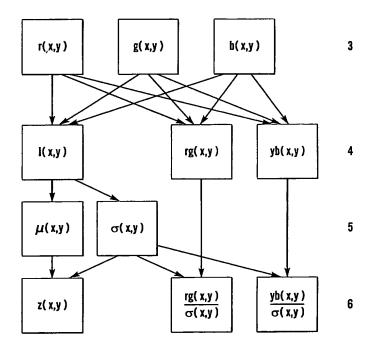
- (74) Agents: POWELL, Stephen, David et al.; Williams Powell, Morley House, 26-30 Holborn Viaduct, London EC1A 2BP (GB).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

[Continued on next page]

(54) Title: IMAGE SIGNAL PROCESSING



(57) Abstraction image signal is processed by deriving measurements representing the luminance of a signal; calculating values relating to the local mean, the local standard deviation, the local maximum and/or the local minimum; and computing therefrom local standard coordinates such as z-scores which are independent of brightness and contrast.